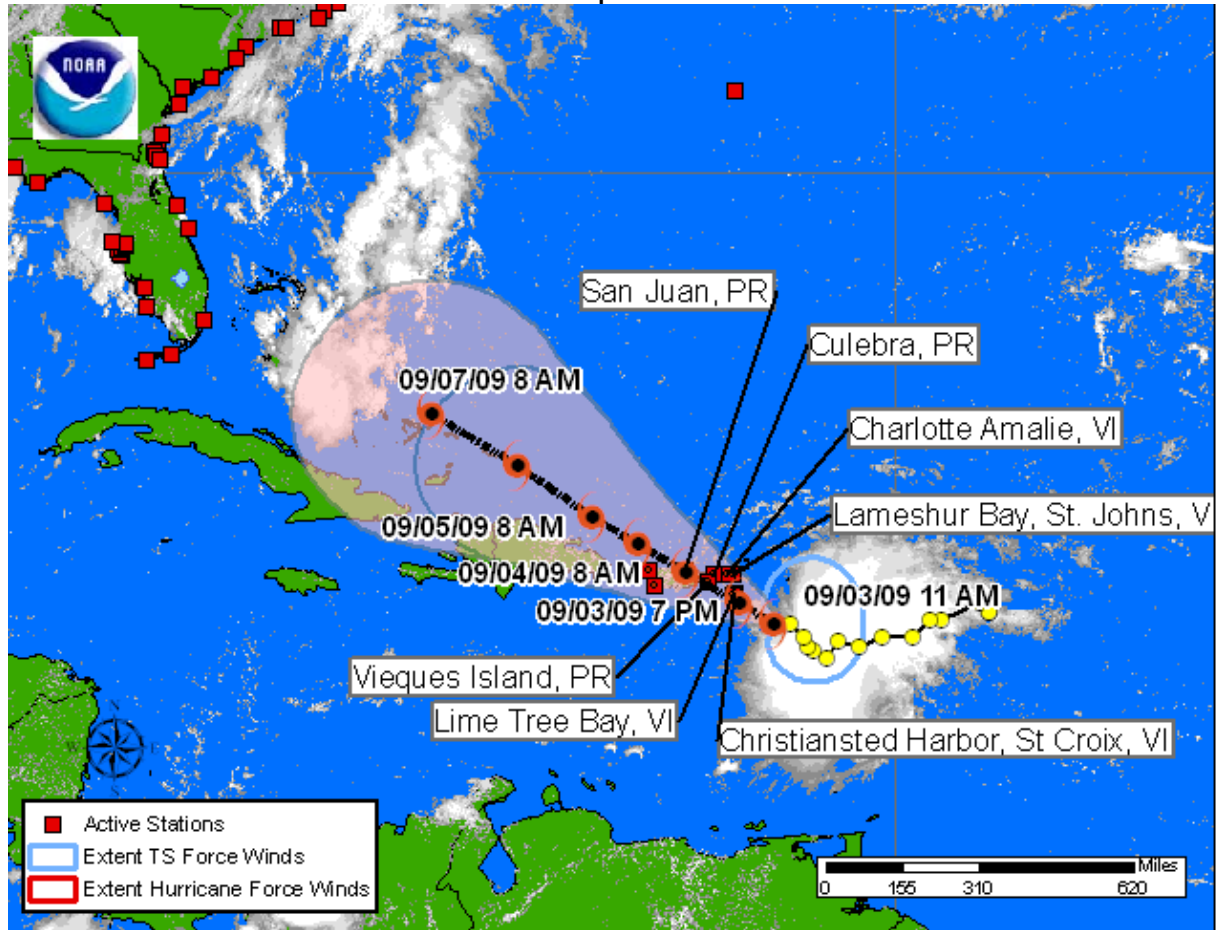


Tropical Storm ERIKA QuickLook
Posted: 12:00 AST 09/03/2009

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/03/2009 12:00 AST, water level across the US Virgin Islands and Puerto Rico are at or near predicted water levels. Barometric pressure is trending downward across the region. Winds are gusting from 15 to 25 knots.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Christianstead Harbor, St. Croix: Next predicted high tide is 0.67ft (0.204m) at 09/03/2009 20:06 AST.

Lameshur Bay, St. John: Next predicted high tide is 0.73ft (0.222m) at 09/03/2009 20:48 AST.

Limetree Bay, VI: Next predicted high tide is 0.78ft (0.237m) at 09/03/2009 21:00 AST.

Charlotte Amalie, VI: Next predicted high tide is 0.92ft (0.281m) at 09/03/2009 20:30 AST.

Culebra, PR: Next predicted high tide is 1.01ft (0.309) at 09/03/2009 20:12 AST.

Vieques Island, PR: Next predicted high tide is 0.63ft (0.191m) at 09/03/2009 20:24 AST.

San Juan, PR: Next predicted high tide is 1.63ft (0.498M) at 09/03/2009 20:36 AST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst:SKG/KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ERIKA ADVISORY NUMBER 8

1100 AM AST THU SEP 03 2009

...ERIKA STILL A TROPICAL STORM...NEW WARNINGS ISSUED FOR PUERTO RICO AND THE VIRGIN ISLANDS...

AT 11 AM AST A TROPICAL STORM WARNING IS IN EFFECT FOR PUERTO RICO AND THE U.S. AND BRITISH VIRGIN ISLANDS. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 24 HOURS.

AT 1100 AM AST THE CENTER OF POORLY ORGANIZED TROPICAL STORM ERIKA WAS LOCATED ABOUT 100 MILES EAST-SOUTHEAST OF ST. CROIX AND ABOUT 200 MILES EAST-SOUTHEAST OF SAN JUAN PUERTO RICO.

ERIKA IS MOVING TOWARD THE WEST-NORTHWEST NEAR 8 MPH AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS WITH A GRADUAL INCREASE IN FORWARD SPEED. ON THE FORECAST TRACK... THE WEATHER ASSOCIATED WITH ERIKA WILL CONTINUE TO MOVE THROUGH THE LEEWARD ISLANDS TODAY AND APPROACH THE U.S. AND BRITISH VIRGIN ISLANDS AND PUERTO RICO LATER TODAY AND TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH WITH HIGHER GUSTS. GRADUAL WEAKENING IS LIKELY DURING THE NEXT COUPLE OF DAYS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES PRIMARILY TO THE EAST OF THE CENTER.

THE MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT WAS 1010 MB.

ERIKA IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 3 TO 5 INCHES OVER THE CENTRAL AND NORTHERN LESSER ANTILLES...PUERTO RICO...AND THE U.S. AND BRITISH VIRGIN ISLANDS...WITH ISOLATED MAXIMUM AMOUNTS OF 8 INCHES POSSIBLE.

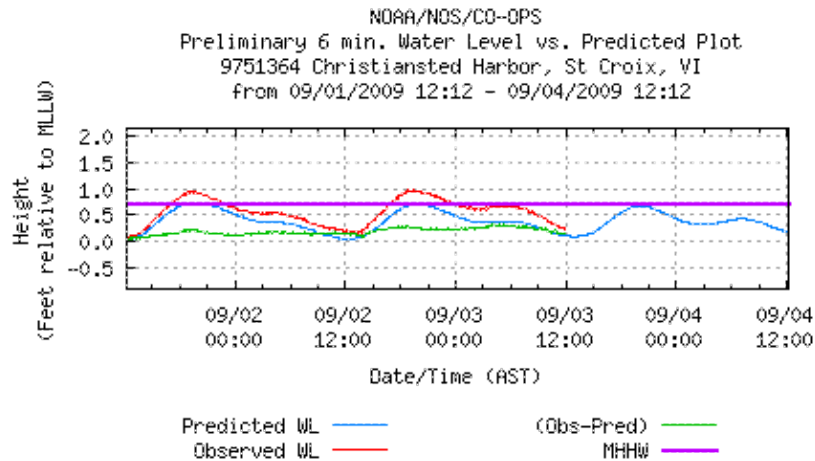
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FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Barometric](#), [Lameshur Bay, St. John - Water Level](#), [Lameshur Bay, St. John - Barometric](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Lime Tree Bay - Air/Water Temp](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Barometric](#), [Charlotte Amalie - Air/Water Temp](#), [Culebra - Water Level](#), [Culebra - Winds](#), [Culebra - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Esperanza, Vieques Island - Air/Water Temp](#), [San Juan - Water Level](#), [San Juan - Winds](#), [San Juan - Barometric](#), [San Juan - Air/Water Temp](#).

Christiansted Harbor, St Croix, VI - [Return to List](#)

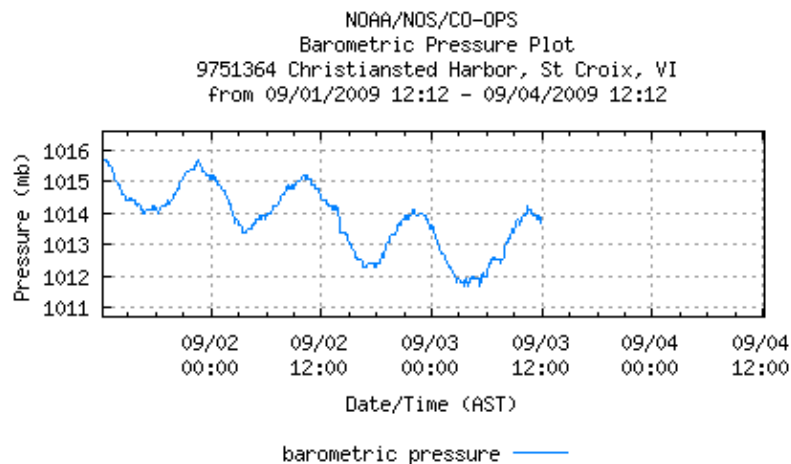


Last Observed Sample: 09/03/2009 11:54 (AST)

Relative to **MLLW**: **Observed: 0.23 ft.** **Predicted: 0.10 ft.** **Residual: 0.13 ft.**

Historical Maximum Water Level: 10/13/2006, 0.73 ft. above **MHHW**

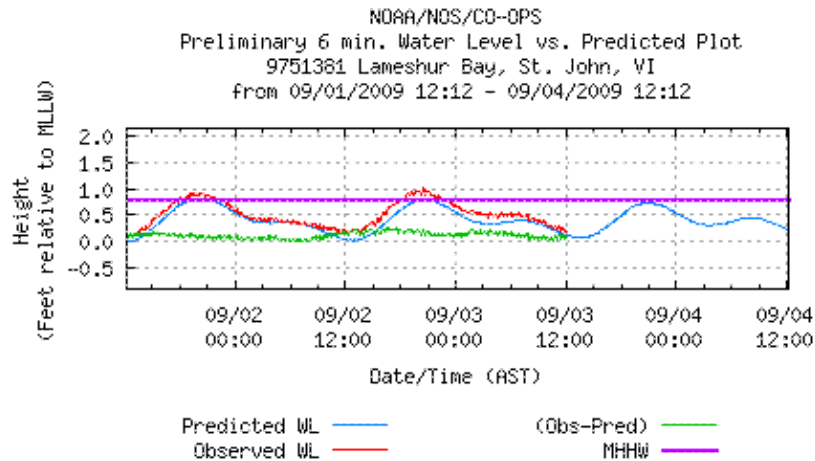
Christiansted Harbor, St Croix, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 11:54 (AST)

Barometric Pressure: 1013.7 mb

Lameshur Bay, St. John, VI - [Return to List](#)

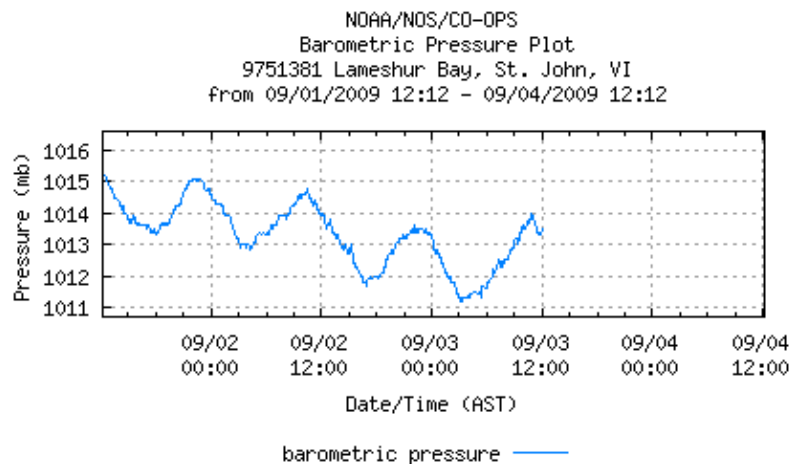


Last Observed Sample: 09/03/2009 12:00 (AST)

Relative to **MLLW**: **Observed: 0.19 ft. Predicted: 0.11 ft. Residual: 0.08 ft.**

Historical Maximum Water Level: 11/06/2006, 0.83 ft. above **MHHW**

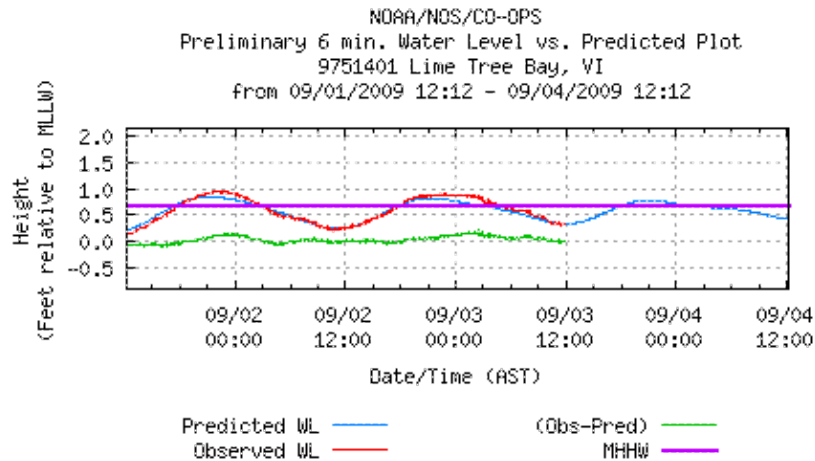
Lameshur Bay, St. John, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 12:00 (AST)

Barometric Pressure: 1013.5 mb

Lime Tree Bay, VI - [Return to List](#)

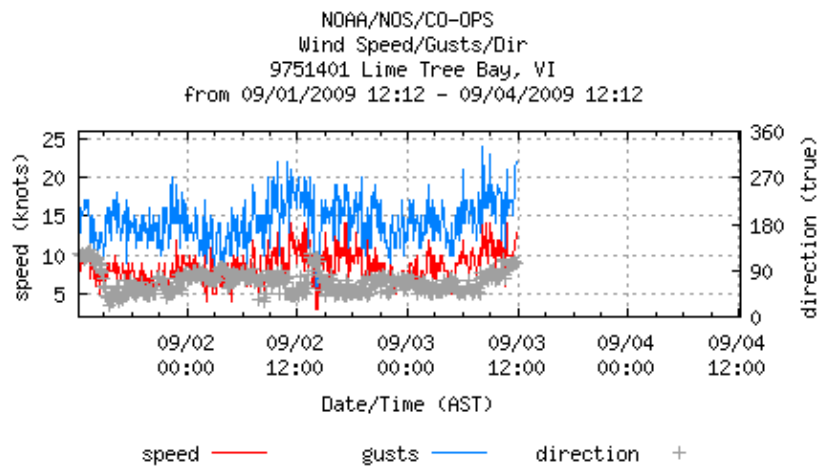


Last Observed Sample: 09/03/2009 11:54 (AST)

Relative to **MLLW**: **Observed: 0.32 ft. Predicted: 0.33 ft. Residual: -0.01 ft.**

Historical Maximum Water Level: 11/17/1999, 1.88 ft. above **MHHW**

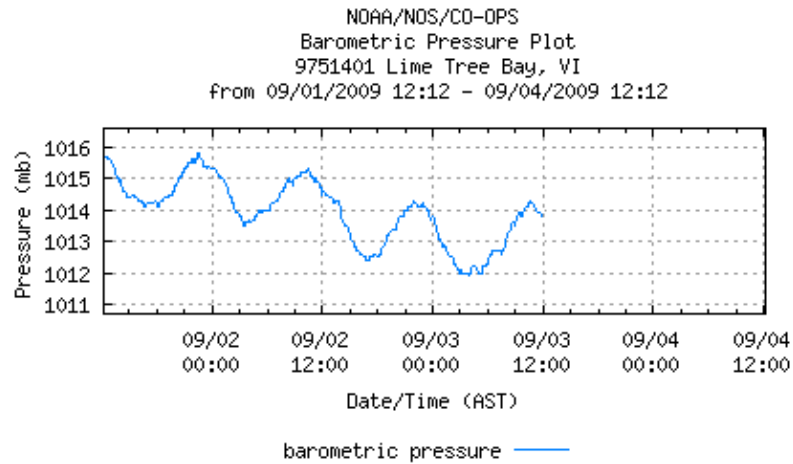
Lime Tree Bay, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 11:48 (AST)

Wind Speed: 13 knots Gusts: 22 knots Direction: 105° T

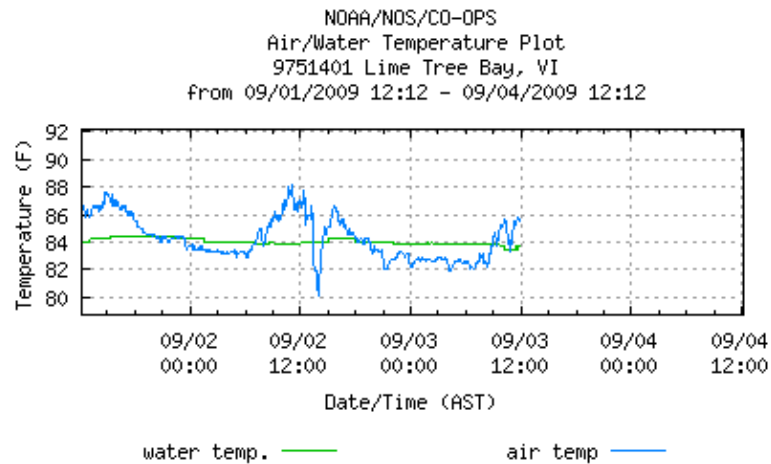
Lime Tree Bay, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 11:54 (AST)

Barometric Pressure: 1013.8 mb

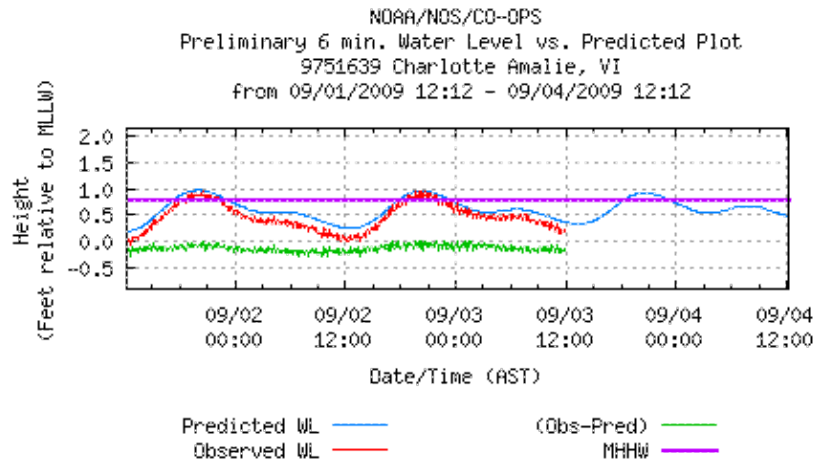
Lime Tree Bay, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 11:54 (AST)

Water Temperature: 83.7° F Air Temperature: 85.6° F

Charlotte Amalie, VI - [Return to List](#)

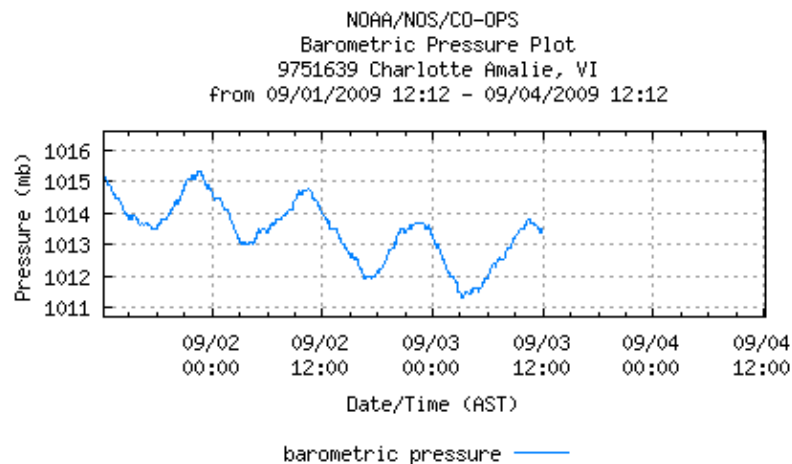


Last Observed Sample: 09/03/2009 11:54 (AST)

Relative to **MLLW**: **Observed: 0.19 ft. Predicted: 0.36 ft. Residual: -0.17 ft.**

Historical Maximum Water Level: 09/16/1995, 2.93 ft. above **MHHW**

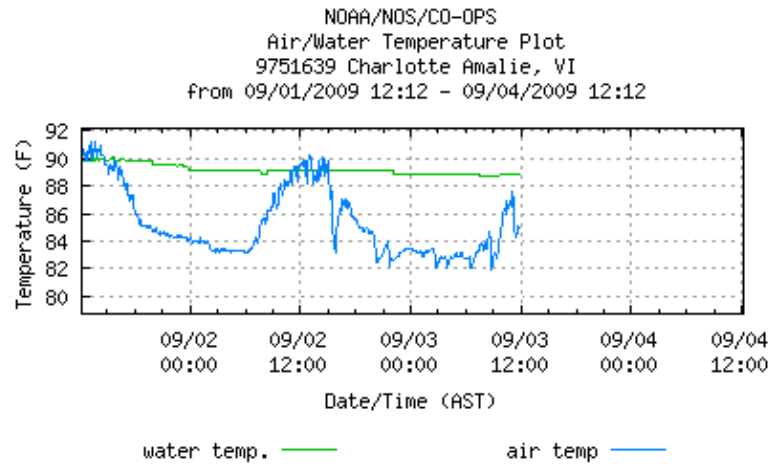
Charlotte Amalie, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 11:54 (AST)

Barometric Pressure: 1013.5 mb

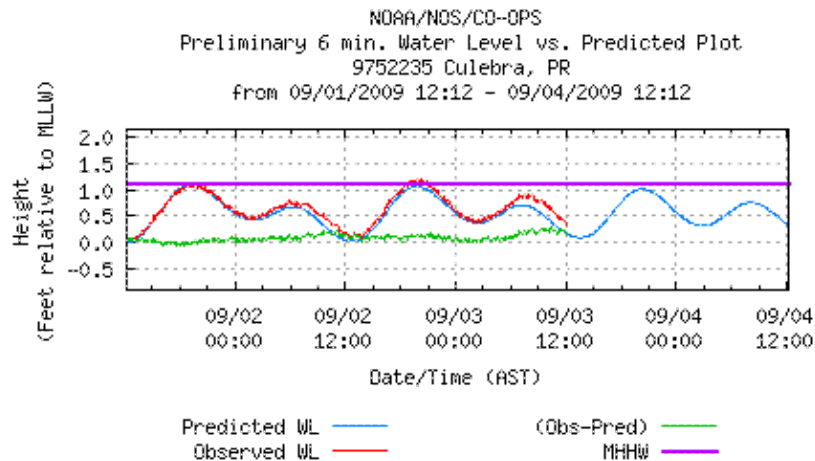
Charlotte Amalie, VI - [Return to List](#)



Last Observed Sample: 09/03/2009 11:54 (AST)

Water Temperature: 88.9° F Air Temperature: 84.9° F

Culebra, PR - [Return to List](#)

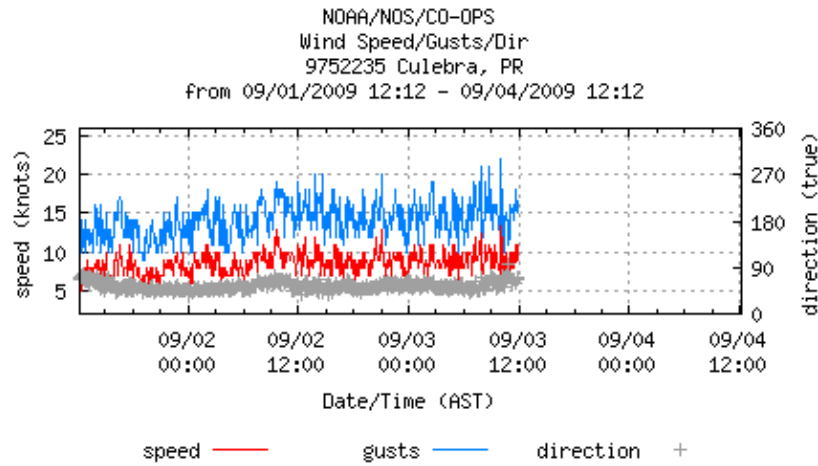


Last Observed Sample: 09/03/2009 12:00 (AST)

Relative to **MLLW**: Observed: 0.33 ft. Predicted: 0.17 ft. Residual: 0.16 ft.

Historical Maximum Water Level: 11/06/2006, 0.86 ft. above **MHHW**

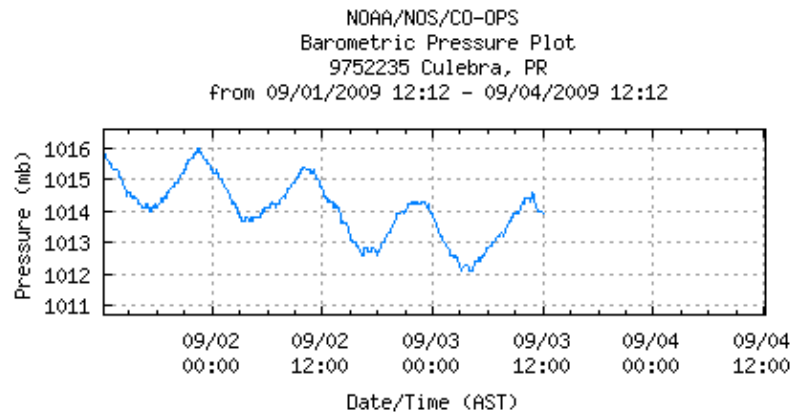
Culebra, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 11:54 (AST)

Wind Speed: 11 knots Gusts: 16 knots Direction: 067° T

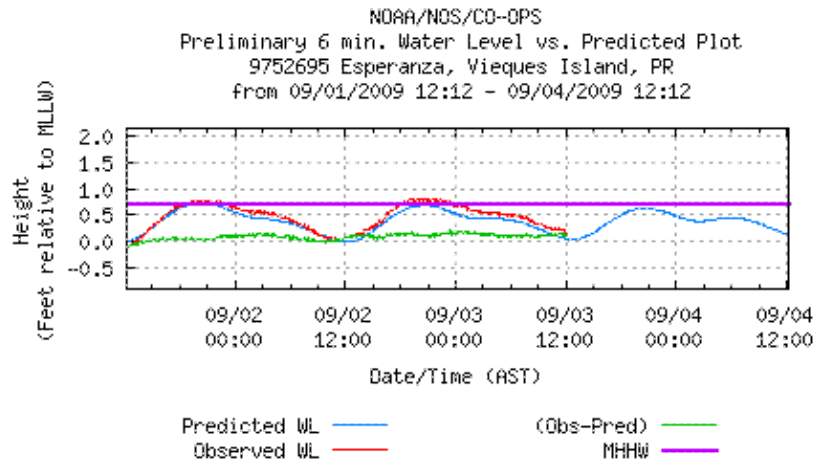
Culebra, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 12:00 (AST)

Barometric Pressure: 1013.9 mb

Esperanza, Vieques Island, PR - [Return to List](#)

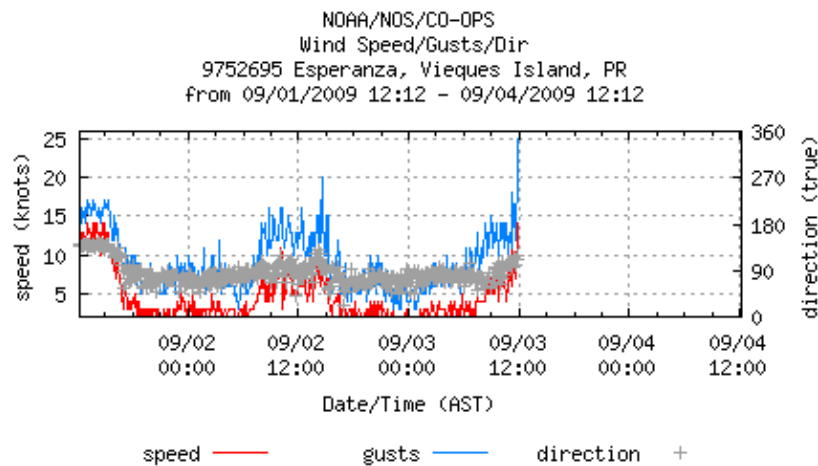


Last Observed Sample: 09/03/2009 12:00 (AST)

Relative to **MLLW**: **Observed: 0.16 ft.** **Predicted: 0.05 ft.** **Residual: 0.11 ft.**

Historical Maximum Water Level: 10/13/2006, 0.83 ft. above **MHHW**

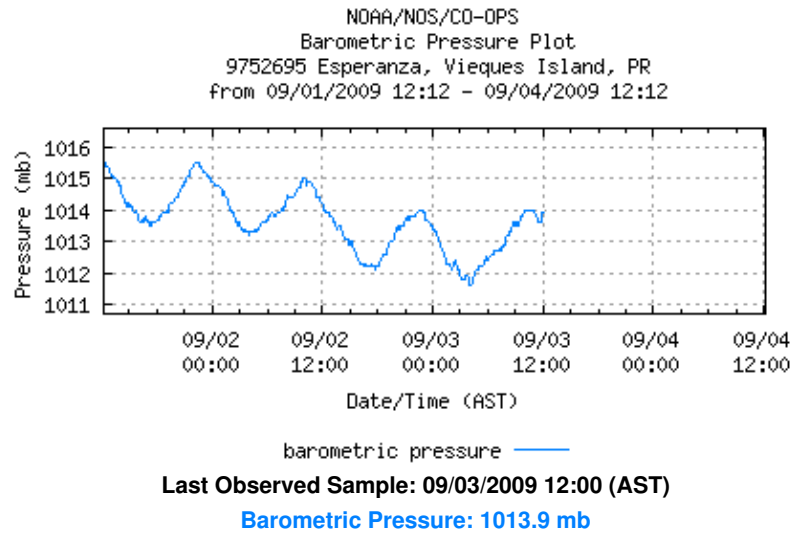
Esperanza, Vieques Island, PR - [Return to List](#)



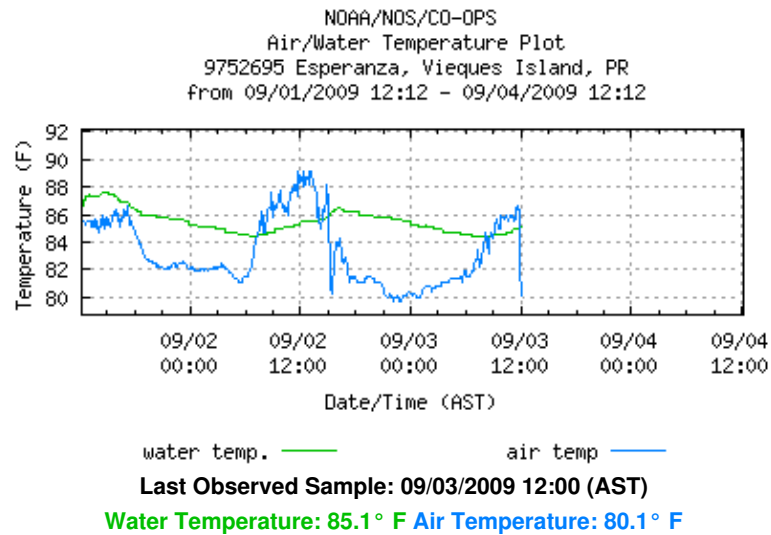
Last Observed Sample: 09/03/2009 11:54 (AST)

Wind Speed: 14 knots **Gusts: 25 knots** **Direction: 118° T**

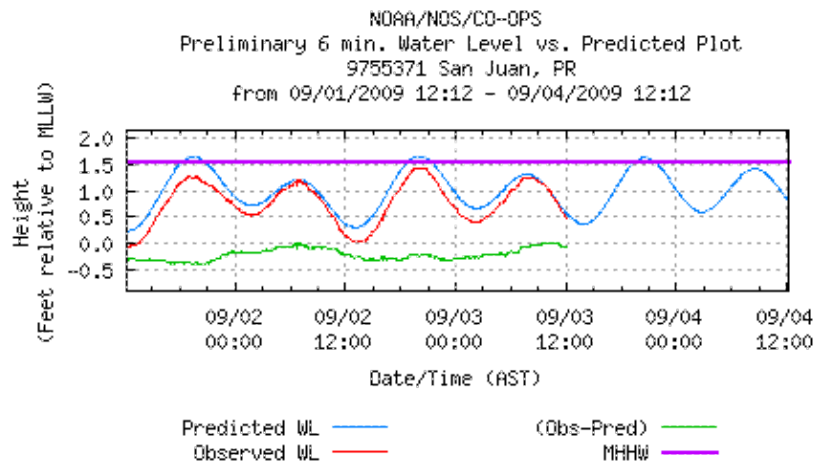
Esperanza, Vieques Island, PR - [Return to List](#)



Esperanza, Vieques Island, PR - [Return to List](#)



San Juan, PR - [Return to List](#)

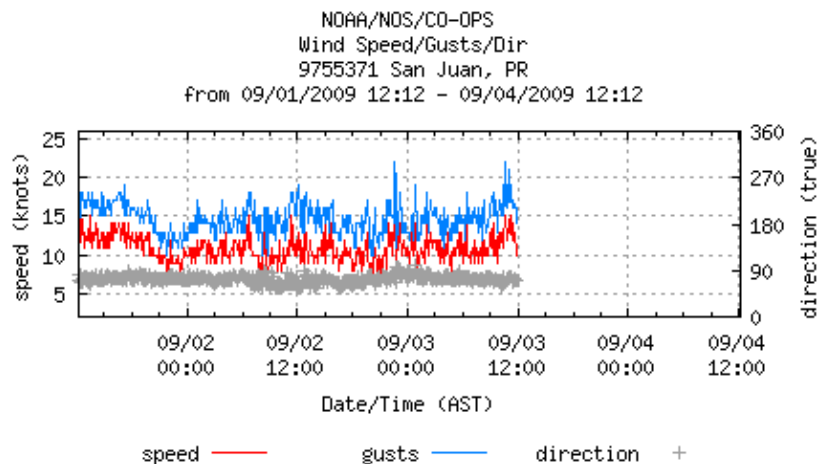


Last Observed Sample: 09/03/2009 12:00 (AST)

Relative to **MLLW**: **Observed: 0.49 ft. Predicted: 0.58 ft. Residual: -0.09 ft.**

Historical Maximum Water Level: 09/21/1998, 1.21 ft. above **MHHW**

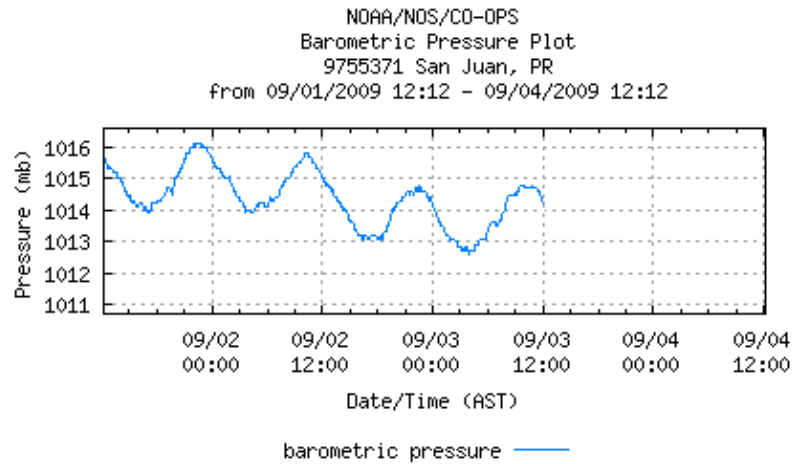
San Juan, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 11:54 (AST)

Wind Speed: 10 knots Gusts: 14 knots Direction: 070° T

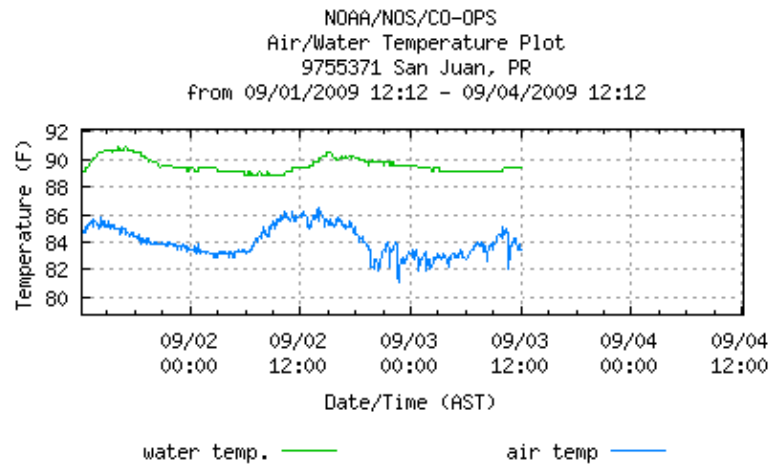
San Juan, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 12:00 (AST)

Barometric Pressure: 1014.2 mb

San Juan, PR - [Return to List](#)



Last Observed Sample: 09/03/2009 12:00 (AST)

Water Temperature: 89.4° F Air Temperature: 83.5° F

Tropical Storm ERIKA QuickLook, POSTED 12:00 AST 09/03/2009

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce